

# Work Order ID 59760

Thursday, June 10, 2010 2:44:44 PM



Page 1

Item ID: D119-696-013

Accept



Setup Start

Revision ID:

Item Name: Dual Cargo Mirror Installation

Stop



Start Date: 6/10/2010 Start Qty: 2.00



Cust Item ID:

Required Date: 6/18/2010 Req'd Qty: 2.00



Customer:

Reference:

Approvals:

Process Plan:

*R*

Date:

*10-6-10*

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Tool ID

Tool #

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

Draw Nbr

Revision Nbr

N/A

Rev U/R

100

0.00



DOCUMENT CONTROL

DC

Memo

0.00

Document Control

Photocopy bluefile & type labels per PPP D119-696-013

CHG004

*Schedule*

*for BG 10/6/10*

110

0.00



Packaging

*Pick kit*

Packaging

Memo

0.00

Packaging

*= 7m - 10/06/11*

120

0.00



QC4- 100% Inspect kits for completeness

QC

Memo

0.00

Quality Control

*Schedule*

*(2)*

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

**Work Order ID 59760**

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Item ID: D119-696-013

Accept



Setup Start



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Stop



Start Date: 6/10/2010 Start Qty: 2.00



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Required Date: 6/18/2010 Req'd Qty: 2.00



Customer:

Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

Run Start



QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130 	Packaging	0.00							
Packaging	Memo	0.00							
Packaging	Identify and pack for shipping as per PPP D119-696-013 Location: _____ PPP Rev: _____								
140 	QC21- Final Inspection - Work Order Release	0.00							
QC	Memo	0.00							
Quality Control									

*Handwritten signature and date: 6/16/16 (2)*

*Handwritten signature and date: 10/06/17*

*Handwritten signature and date: 10-6-16 (2)*

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

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# Picklist Print

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Work Order ID: 59760

Parent Item: D119-696-013

Parent Item Name: Dual Cargo Mirror Installation




Comments: IPP Rev:A08-02-19 New issue DD verified by: LL

Start Date: 6/10/2010

Required Date: 6/18/2010

Start Qty: 2.00

Required Qty: 2.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
ALS4-1032-130		Purchased	No				Each	5,752.000	2	4			
													
													
													

S  
+2 Insert

10-6-15

Location	Loc Qty	Loc Code
PKG11	5000	
114723	5000	
ST282	305	
110511	38	
114407	267	
ST381	447	
114654	447	

AN526-1032R9

Purchased

No



Screw

Location	Loc Qty	Loc Code
ST328	118	
113928	1	
114382	117	

AN960JD10

NAS1149D0363J

Purchased

No



Washer

NAS1149D0363J

NI114292

D119-696-043

Manufactured

No



Dual Cargo Mirror Assy

Each

0.0000



8x m-l w/06/11

8x m-l w/06/11

B59761 10-6-15 (20)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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**NOTE:** Date & initial all entries

# Picklist Print

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Work Order ID: 59760

Parent Item: D119-696-013

Parent Item Name: Dual Cargo Mirror Installation

Comments: IPP Rev:A 08-02-19 New issue DD verified by: LL

Start Date: 6/10/2010

Required Date: 6/18/2010

Start Qty: 2.00

Required Qty: 2.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

D2053		Manufactured	No				Each	38.0000	1	2			
-------	--	--------------	----	--	--	--	------	---------	---	---	--	--	--



Mounting Bracket

Location

Loc Qty

Loc Code

ST005

38

47595

2

58395

36

D2067

Manufactured No

Each

12.0000

1

2



Connector

Location

Loc Qty

Loc Code

ST006

12

54698

12

D2071

Manufactured No

Each

9.0000

1

2



Cable Assembly

Location

Loc Qty

Loc Code

ST222

9

57578

1

58201

8

D3083-1

Manufactured No

Each

0.0000

1

2



Placard

2X m-l 10/06/11

2X m-l 10/06/11

2X m-l 10/06/11

1357 759 10-6-11

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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# Picklist Print

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Work Order ID: 59760

Parent Item: D119-696-013

Parent Item Name: Dual Cargo Mirror Installation

Comments: IPP Rev:A008-02-190New issue 0DD verified by: LL

Start Date: 6/10/2010

Required Date: 6/18/2010

Start Qty: 2.00

Required Qty: 2.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
MS21919-DG5 Clamp		Purchased	No				Each	30.0000	2✓	4			

Location Loc Qty Loc Code

ST306  
114348 ✓  
20  
ST319  
114761  
10

4x m-l 10/06/11

MS27039-1-09

Purchased

No



Screw

Each

455.0000

4✓

8

Location Loc Qty Loc Code

ST291  
111650 ✓  
455  
420  
18057  
35

8x m-l 10/06/11

MS35489-9

Purchased

No



Grommet

Each

91.0000

1✓

2

Location Loc Qty Loc Code

ST296  
107376 ✓  
91  
11  
109371  
80

2  
4x m-l 10/06/11

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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**25.2 CARGO MIRROR REMOVAL**

1. Loosen MS21042-3 nut and remove D2071 control cable from D2067 connector.
2. Remove (4) MS27039-1-09 screws and remove D3072-1/-2 brackets. Re-install MS27039-1-08 screws.
3. Remove (2) AN526-1032R9 screws and (2) MS21919DG5 clamps.
4. Remove (2) AN526-1032R9 screws, the D2053 bracket and the D2071 cable assembly. Re-install AN526-1032R9 screws to plug inserts.
5. Seal MS35489-9 grommet hole with PRC / RTV / Proseal 890 / Sikaflex-241 / Sikaflex-291 / MIL-C-8802 Class B2 sealant.

**25.3 WEIGHT AND BALANCE**

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D119-696-011 Cargo Mirror Installation	2.2 lb 1.00 kg	7.0 in 0.28 m	15.4 in-lb 0.28 m-kg	22.0 in 0.87 m	48.4 in-lb 0.87 m-kg
D119-696-013 Cargo Mirror Installation	3.0 lb 1.36 kg	1.0 in 0.04 m	3.0 in-lb 0.05 m-kg	22.0 in 0.87 m	66.0 in-lb 1.18 m-kg

**25.4 PARTS LIST**

Qty -011	Qty -013	Qty -041	Qty -043	Part Number	Description
X				D119-696-011	SINGLE CARGO MIRROR INSTALLATION
	X			D119-696-013	DUAL CARGO MIRROR INSTALLATION
1		X		D119-696-041	SINGLE CARGO MIRROR ASSEMBLY
	1		X	D119-696-043	DUAL CARGO MIRROR ASSEMBLY
		1	2	D2011-101	MIRROR ASSEMBLY
1	1			D2053	BRACKET
		2	2	D2054	BUSHING
		2	2	D2055	CLAMP
		1	1	D2056	BELL CRANK
		1		D2057	PLUG
1	1			D2067	CONNECTOR
1	1			D2071	CABLE ASSEMBLY
		1	2	D3014-1	LOCKNUT
		1	1	D3072-1	BRACKET
		1	1	D3072-2	BRACKET
		1		D3074-1	ARM
			1	D3074-3	ARM
1	1			D3083-1	PLACARD
4	4			AN526-1032R9	SCREW
4	4	6	6	AN960JD10	WASHER
		1	2	*AN960JD416L	WASHER
		3	3	MS21042L3	NUT (or MS21042-3)
2	2			MS21919DG5	CLAMP
4	4			MS27039-1-09	SCREW
		3	3	MS27039-1-18	SCREW
1	1			MS35489-9	GROMMET
2	2			AKS7-1032-130	INSERT (or ALS7-1032-130 or AKS4-1032-130 or ALS7-1032-130 or AELS-032-130)

\*INCLUDED AS PART OF D2011-101 MIRROR ASSEMBLY

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**25-00-00**

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